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Form PTO-1449
(REV. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

CNTW-006/00US

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

APPLICANT:

FILING DATE

December 6, 2000

GROUP

JCS64 U.S. PTO
09/130682
12/06/00

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
OR	P1	4,991,089	2/5/1991	Shorter, David U.			9/30/1988
//	P2	5,109,486	4/28/1992	Seymour, Leslie G.			1/6/1989
//	P3	5,442,791	8/15/1995	Wrabetz et al.			5/12/1994
//	P4	5,557,748	9/17/1996	Noris, David			2/3/1995
//	P5	5,724,509	3/3/1999	Starkweather et al.			4/22/1996
//	P6	5,751,967	5/12/1998	Raab et al.			7/15/1996
//	P7	5,784,702	7/21/1998	Greenstein et al.			2/27/1997
//	P8	5,787,246	7/28/1998	Lichtman et al.			5/27/1994
//	P9	5,819,028	10/6/1998	Manghirmalani et al			4/16/1997
//	P10	5,838,918	11/17/1998	Prager et al.			3/31/1995
//	P12	5,852,740	12/22/1998	Estes, Mark D.			10/15/1997
//	P13	5,872,928	2/16/1999	Lewis et al.			5/25/1995
//	P14	5,884,028	3/16/1999	Kindell et a;			7/29/1994
//	P15	5,944,782	8/31/1999	Noble et al.			10/16/1996
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//	P22	6,028,846	2/22/2000	Cain, Michael E.			9/11/1997
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//	P29	6,108,699	8/22/2000	Moiin, Hossein			6/27/1997
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							YES	NO
	F1							

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oo	D1	Managing Managed Network Services: The Service Provider Blind Spot; Infonetics Research, The Networking Information Source; June 2000 (18 pages)
//	D2	ISM Customer- Aware™ Query; CoManage Corporation; as of December 5, 2000 (2 pages)
1	D3	ISM Customer- Aware™ Provisioning; CoManage Corporation; as of December 5, 2000 (2 pages)
//	D4	ISM Customer- Aware™ Deep Discovery™; CoManage Corporation; as of December 5, 2000 (2 pages)
//	D5	ISM Customer- Aware™ Service Profiling; CoManage Corporation; as of December 5, 2000 (2 pages)
1	D6	ISM Customer- Aware™ Fault and Performance Management; CoManage Corporation; as of December 5, 2000 (2 pages)

EXAMINER

DATE CONSIDERED

6/2/01

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	09/730,682
Filing Date	12/06/2000
First Named Inventor	Tindal et al.
Group Art Unit	2188
Examiner Name	[Not Assigned]
Attorney Docket Number	CNTW-006/00US

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
DA		5,519,704		Farinacci et al.	5/21/96
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II		5,832,503		Malik et al.	11/3/98
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		Office ³	Number ⁴	Kind Code ⁵ (if known)			
DA		EP	0 384 339 A2		Pitkin et al.	8/29/90	
II		EP	0 973 296 A2		Mandal et al.	1/19/00	
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II		WO	01/47185 A2		Wiryaman et al.	6/28/01	
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Examiner Signature	<i>[Signature]</i>	Date Considered	6/2/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number.² See attached Kinds of U.S. Patent Documents.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

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Application Number	09/730,682
Filing Date	12/06/2000
First Named Inventor	Tindal et al.
Group Art Unit	2188
Examiner Name	[Not Assigned]

Sheet	2	of	2	Attorney Docket Number	CNTW-006/00US
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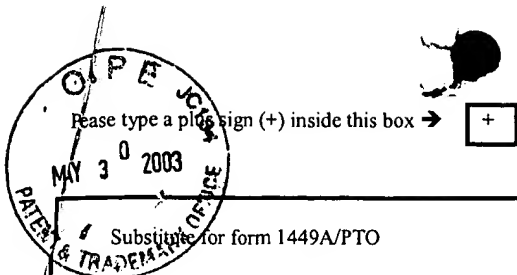
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¹ Unique citation designation number.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	09/730,682
		Filing Date	12/06/2000
		First Named Inventor	Tindal et al.
		Group Art Unit	2188
		Examiner Name	G. Barron
		Attorney Docket Number	CNTW-006/00US
Sheet	1	of	2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
OB		5,159,685		Kung	10/27/1992
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
OB		WO	95/08794		Gilbert, et al.	03/30/1995	
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Examiner Signature	<i>Stefano J. Proietti</i>	Date Considered	6/2/04
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⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

Complete if Known

Application Number 09/730,682

Filing Date 12/06/2000

First Named Inventor Tindal et al.

Group Art Unit 2188

Examiner Name G. Barron

Attorney Docket Number CNTW-006/00US

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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//		Kennedy T W: "Network Operations & Management Tool Requirements for the 90s" Proceedings of the Network Operations and Management Symposium (NOMS). Memphis, Apr. 6-9, 1992, New York, IEEE, U.S. Vo. 1, 1992, pgs 122-132	
//		"FFST/2 Generic Alert Router for LAN and SNA Transports," IBM Technical Disclosure Bulletin, IBM Corp. New York, US, vol. 34, no. 11, 1 April 1992, pgs. 467 XP000303331, ISSN: 0018-8689	
//		Torrente S et al.: "Implementation of the ANSI T1M1.5 GBM-T1.214 within an ODBMS framework" Networking: Foundation for the Future, San Francisco, Mar- 28 - April 1, 1993, Proceedings of the Annual Joint Conference of the Computer and Communications Societies (INFOCOM), Los Alamitos, IEE Comp. Soc. Press, US, vol. 2 CONF. 12, 28 March 1993, pgs. 875-884, XP010032227, ISBN: 0-8186-3580-)	
//		Lee, W.C. et al: "Routing Subject to Quality of Service Constraints in Integrated Communication Networks" IEEE Network, IEEE Inc. New York, US, vol. 9, no. 4, 1 July 1995 (1995-07-01), pages 46-55, XP000526591, ISSN: 0890-8044 the whole document	
//		Williams R: "Web Based Enterprise Management W101" DMTF 1999 Annual Conference, 'Online! 15-16 June 1999, pgs 1-21	
//		PCT/US 01/45668 - International Search Report dated 10/16/2002	
//		PCT/US 01/45669 - International Search Report dated 10/16/2002	
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//		PCT/US 01/45672 - International Search Report dated 04/14/2003	
//		PCT/US 01/45671 - Written Opinion 12/13/2002	

Examiner Signature

Date Considered

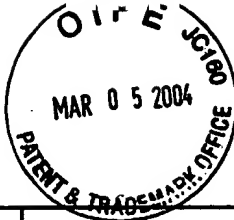
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			First Named Inventor	Tindal et al.
			Group Art Unit	2188
			Examiner Name	G. Barron
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		Number	Kind Code ² (if known)		
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Examiner Signature		Date Considered	6/6/04
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